

17364 U.S. PTO  
123103

<b>NEW UTILITY PATENT APPLICATION TRANSMITTAL</b> <i>(only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket Number	23564-08653
	First Named Inventor	Feng Xie et al.
	Title	INTEGRATING PARTICLE RENDERING AND THREE-DIMENSIONAL GEOMETRY RENDERING
	Express Mail Label No.	EV301186503US

22264 U.S. PTO  
107751328

123103

APPLICATION ELEMENTS	ACCOMPANYING APPLICATION PARTS
1. <input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate)	7. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	8. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)
3. <input checked="" type="checkbox"/> Specification <span style="float: right;">Total Pages <input type="text" value="26"/></span> (preferred arrangement set forth below)	9. <input type="checkbox"/> Power of Attorney or Authorization of Agent
■ Descriptive Title of the Invention	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement
■ Cross Reference(s) to Related Case(s)	11. <input type="checkbox"/> Preliminary Amendment
■ Statement Regarding Fed sponsored R & D	12. <input type="checkbox"/> Information Disclosure Statement & PTO-1449 <input type="checkbox"/> Copies of IDS Citation(s)
■ Background of the Invention	13. <input checked="" type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
■ Brief Summary of the Invention	14. <input checked="" type="checkbox"/> Return Postcard
■ Brief Description of the Drawing(s)	15. <input type="checkbox"/>
■ Detailed Description	16. <input type="checkbox"/>
■ Claim or Claims	17. <input type="checkbox"/>
■ Abstract of the Disclosure	
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <span style="float: right;">Total Sheets <input type="text" value="4"/></span>	
5. Oath or Declaration	
a. <input type="checkbox"/> New Declaration <span style="float: right;">Total Pages <input type="text"/></span> <input type="checkbox"/> Executed (original or copy)	
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)	
i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	
	<b>ADDRESS TO:</b> <b>Mail Stop Patent Application</b> <b>Commissioner for Patents</b> <b>P. O. Box 1450</b> <b>Alexandria, VA 22313-1450</b>

18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_/\_\_\_\_

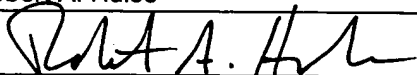
Prior application information: Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

**For CONTINUATION OR DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuing or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

#### 19. CORRESPONDENCE ADDRESS

☒ Customer Number and Bar Code  
Label

**00758**

Name (Print/Type)	Robert A. Hulse	Registration No. (Attorney/Agent)	48,473
Signature		Date	December 31, 2003

# FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** PLEASE DEFER**Complete if Known**

Application Number	New
Filing Date	Herewith
First Named Inventor	Feng Xie <i>et al.</i>
Examiner Name	Unassigned
Art Unit	Unassigned
Attorney Docket No.	23564-08653

**METHOD OF PAYMENT** (check all that apply)
☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☒ None  
☐ Deposit Account:
Deposit Account Number **19-2555**Deposit Account Name **Fenwick & West LLP**

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments  
☒ Charge all required fee(s) or any underpayment of fee(s) due under 37 CFR §1.16 or §1.17 during the pendency of this application.  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	770
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
<b>SUBTOTAL (1)</b>					<b>(\$ 770)</b>

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	(OR \$ Prev. Paid For)	Extra Claims	Fee from below	Fee Paid
52	-20**=	32	18	936
3	-3**=	0	86	0
Multiple Dependent			290	290

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>				

**SUBTOTAL (2) (\$ 1226)**

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION** (continued)**3. ADDITIONAL FEES**

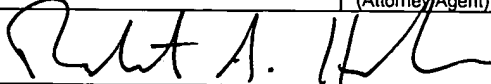
Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(g)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3) (\$ 0)**

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY**

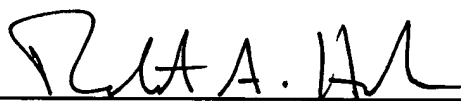
Name (Print/Type)	Robert A. Hulse	Registration No. (Attorney/Agent)	48,473	Complete (if applicable)
Signature				Telephone (415) 875-2444
		Date	December 31, 2003	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)</b>	First Named Inventor		Feng Xie <i>et al.</i>
	Title	INTEGRATING PARTICLE RENDERING AND THREE-DIMENSIONAL GEOMETRY RENDERING	
	Atty. Docket Number		23564-08653

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

December 31, 2003  
Date

  
Signature

Robert A. Hulse, Reg. No. 48,473  
Typed or printed name/Registration Number

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PGPub, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.**